ARLON

PRODUCT INFORMATION BULLETIN

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Series 3510 Overlaminate

Economy Calendered Overlaminate Pressure-Sensitive Film

Series 3510 is a 3.2-mil (80 micron) calendered film with a clear, permanent pressure-sensitive adhesive. Designed to protect your printed image, Series 3510 is made of a monomeric facestock and available in a gloss or matte finish. Series 3510 is rated for outdoor durability of 3 years.

APPLICATIONS & FEATURES

- Protective overlaminate for all promotional calendered products
- Short-term signage, kiosks and POP displays
- Ideal for interior and exterior applications on flat surfaces
- Arlon overlaminate film is designed to be laminated cold without any heat

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	Gloss: 70 to 90 Gloss Units Matte: 1.5 to 10 Gloss Units	
THICKNESS	Micrometer, Federal Bench Type	3.2-mil (80 micron)	
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	≥ 15 lb/in	≥ 2.68 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 250%	
SHELF LIFE (IN BOX)	Ideal Storage Temperature 70°F (21°C) and 50% relative humidity	1 year from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	50°F to 90°F	10°C to 32°C
SERVICE TEMPERATURE RANGE	Film applied to etched aluminum panels 24 hours prior to testing	-20°F to 150°F	-29°C to 65°C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours, on aluminum panel	5-mil	0.13 mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	≥ 1.5 lb/in	≥ 0.27 kg/cm
	PSTC-1, 24 hrs, 70°F (21°C)	10.7N/.98in	10.7N 25/mm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	125 g/2 in	24.6 g/cm

Standard Terms & Conditions Apply

USA: a 200 Boysenberry Lane, Placentia, CA 92870, USA p 800 232 7161/+1 714 985 6300 f 800 329 2756
EUROPE: a North Sea Building, Gevers Deynootweg 93, 4th Floor, 2586BK Den Haag, The Netherlands p +31 70 354 4311 f +31 70 355 7721
UK: a P6 Parklands, Heywood Distribution Park, Heywood, Lancashire OL102TT, UK p +44 161 884 0592 f +31 70 355 7721

TERMS & CONDITIONS

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